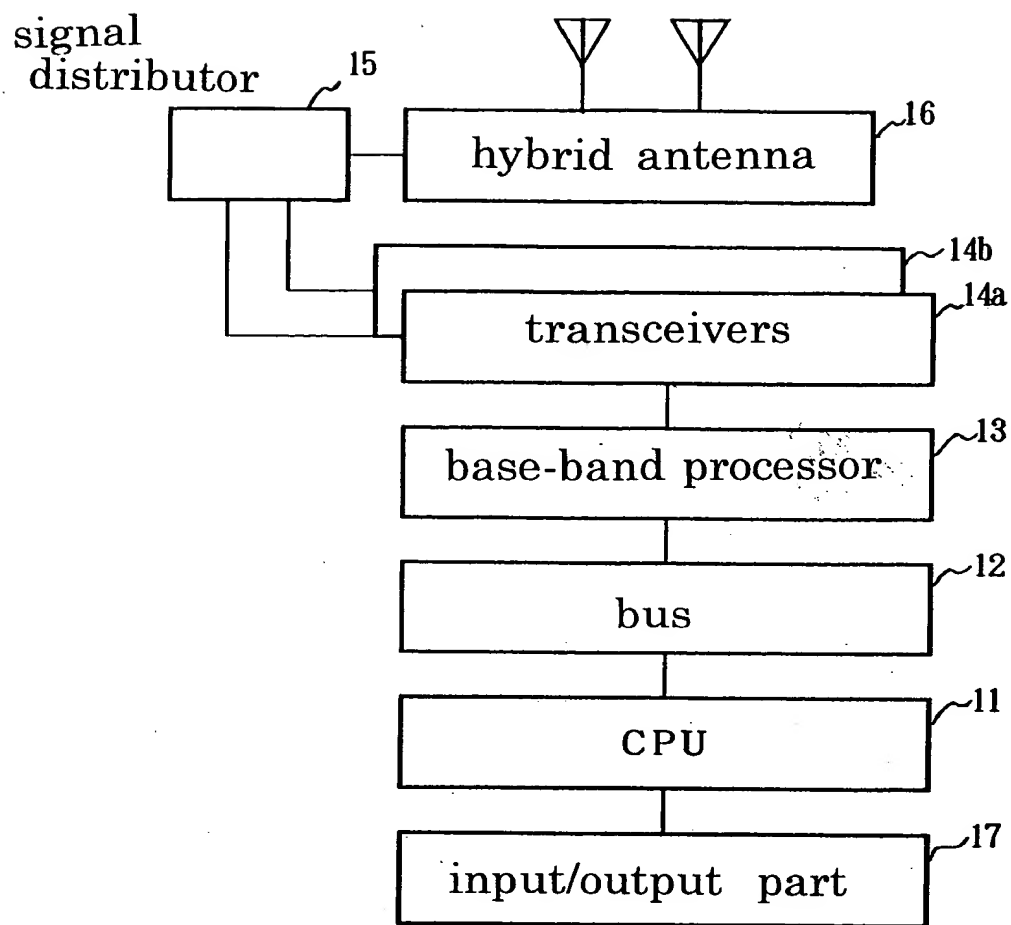


Fig. 1



portable  
communication terminal

*Fig. 2*

26 high frequency plane antenna

29 multi-band antenna

28 signal distributor

25 signal distributor

24 satellite transceiver

GHz band front-ends

27d

27c

27b

27a

A/D converters

DSP DSP DSP . . . . . DSP

23 base-band processor

22 bus

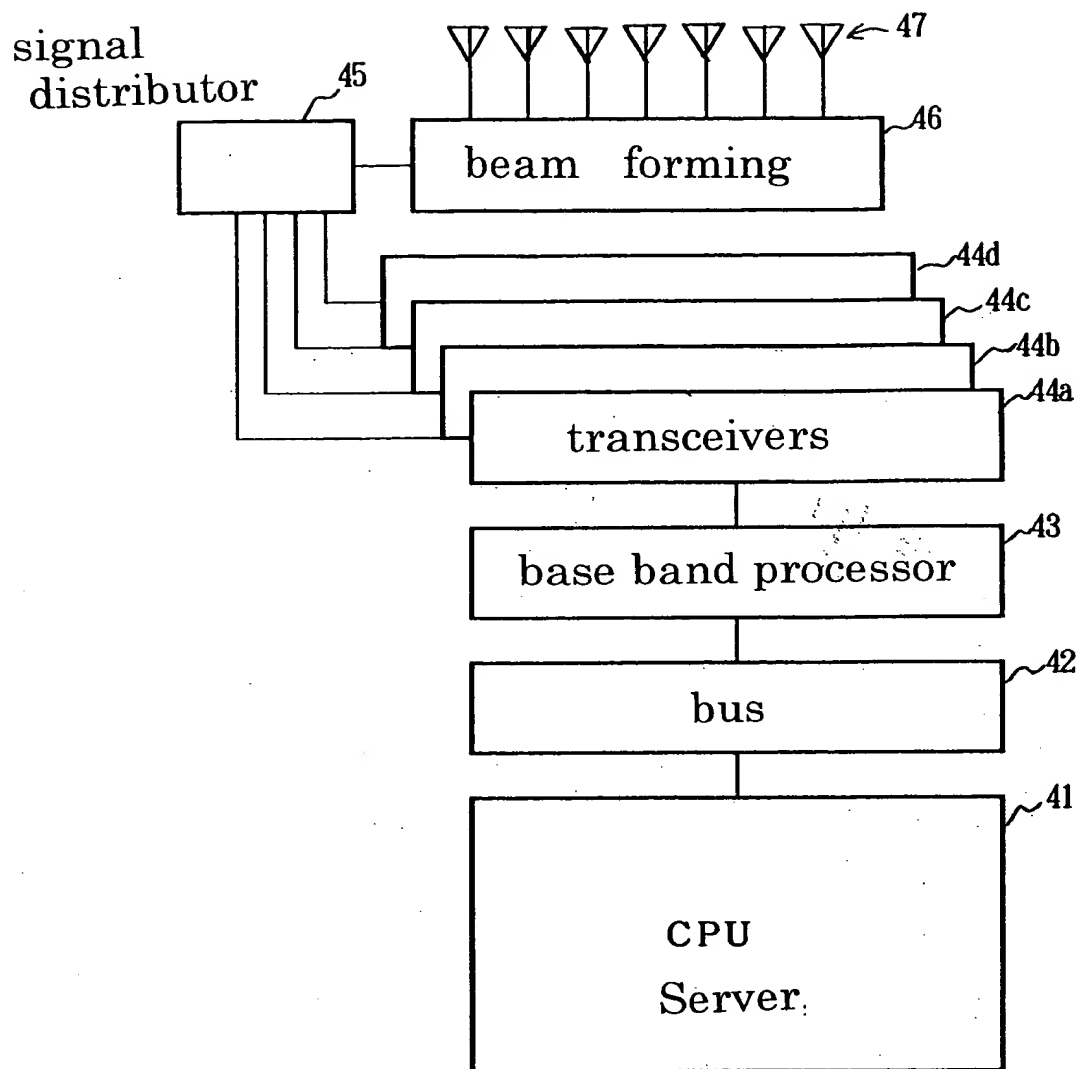
21 CPU Server

30 power supply

mobile repeater station

Fig. 3

FIG. 4



communication satellite station

Fig. 4